

IN THE CLAIMS

The pending unamended claims are reproduced below.

1. (ORIGINAL) A method of performing financial processing in a computer, comprising:

(a) accessing account, event and organization attributes from a database accessible by the computer, wherein: (1) the account attributes comprise data about accounts being measured, (2) the event attributes comprise data about account-related transactions, and (3) the organization attributes comprise data about the organization's financial status;

(b) performing one or more profitability calculations in the computer using the account, event and organization attributes accessed from the database, as well as one or more profit factors and one or more rules, wherein the profitability calculations include:

$$\begin{aligned} \text{Profit} &= \text{Net Interest Revenue (NIR)} \\ &+ \text{Other Revenue (OR)} \\ &- \text{Direct Expense (DE)} \\ &- \text{Indirect Expense (IE)} \\ &- \text{Risk Provision (RP)} \end{aligned}$$

(c) wherein the Net Interest Revenue (NIR) is calculated as:

$$\begin{aligned} \text{NIR} &= \text{Interest Revenue} \\ &- \text{Cost of Funds} \\ &+ \text{Value of Funds} \\ &- \text{Interest Expense.} \end{aligned}$$

2. (ORIGINAL) The method of claim 1, wherein the Net Interest Revenue is calculated for every account.

3. (ORIGINAL) The method of claim 1, wherein the Net Interest Revenue represents a total interest generated from all deposit and lending activities.

4. (ORIGINAL) The method of claim 1, wherein the Net Interest Revenue is calculated from a Deposit Spread, a Lending Spread, and an Asset/Liability Management (ALM) Spread.

5. (ORIGINAL) The method of claim 4, wherein the Deposit Spread comprises a difference between the Interest Expense and the Value of Funds.

6. (ORIGINAL) The method of claim 5, wherein the Interest Expense comprises a cost of borrowing funds.

7. (ORIGINAL) The method of claim 5, wherein the Value of Funds represents a rate at which borrowed funds could be invested.

8. (ORIGINAL) The method of claim 4, wherein the Lending Spread comprises a difference between the Cost of Funds and the Interest Revenue.

9. (ORIGINAL) The method of claim 8, wherein the Interest Revenue comprises a return generated by lending funds.

10. (ORIGINAL) The method of claim 8, wherein the Costs of Funds represents an expense generated by lending funds.

11. (ORIGINAL) The method of claim 4, wherein the Asset/Liability Management Spread comprises a difference between maturity characteristics of funds lent.

12. (ORIGINAL) The method of claim 1, wherein the Net Interest Revenue also includes earnings on allocated equity.

13. (ORIGINAL) The method of claim 12, wherein the earnings on allocated equity comprise earnings generated by lending funds from equity sources.

14. (PREVIOUSLY PRESENTED) The method of claim 1, further comprising calculating the Net Income Revenue in a Basic Tier according to:

$$IR(a) = AAB(a) * \text{eff rate}_{\text{asset}}(a),$$

$$COF(a) = AAB(a) * TR_p,$$

$$IE(a) = ALB(a) * \text{eff rate}_{\text{liability}}(a), \text{ and}$$

$$VOF(a) = ALB(a) * TR_p$$

wherein:

AAB(a) = Average Asset Balance of an account a,

ALB(a) = Average Liability Balance of the account a,

eff rate<sub>asset</sub>(a) = Effective interest rate for the account a as an asset balance,

eff rate<sub>liability</sub>(a) = Effective interest rate for the account a as a liability balance,

TR<sub>p</sub> = Treatment Rate for a product type p,

IR(a) = the Interest Revenue of the account a,

COF(a) = the Cost of Funds for the account a,

IE(a) = the Interest Expense for the account a, and

VOF(a) = the Value of Funds for the account a.

15. (ORIGINAL) The method of claim 14, wherein there is a single Treatment Rate for each product type.

16. (ORIGINAL) The method of claim 14, wherein the step of calculating the Net Income Revenue in the Basic Tier generates one or more outputs selected from a group comprising the Interest Revenue, Interest Expense, Cost of Funds, Value of Funds, Lending Spread, and Deposit Spread.

17. (ORIGINAL) The method of claim 1, further comprising calculating the Net Income Revenue in an Intermediate Tier according to:

$$IR(a) = \sum AB(c=asset, s, t)(a) * eff\ rate(c=asset, s, t)(a),$$

$$COF(a) = \sum AB(c=asset, s, t)(a) * TR(c=asset, s, t)(pt(a)),$$

$$IE(a) = \sum AB(c=liability, s, t)(a) * eff\ rate(c=liability, s, t)(a), \text{ and}$$

$$VOF(a) = \sum AB(c=liability, s, t)(a) * TR(c=liability, s, t)(pt(a)),$$

wherein:

AB(c,s,t)(a) = Average Balances of an account a based on class (c), state (s), and tier (t) characteristics of a balance type,

eff rate(c,s,t)(a) = Effective interest rate for the account a based on the class (c), state (s), and tier (t) characteristics of the balance type,

pt(a) = Product type of an account a,

$TR(c,s,t)(pt(a))$  = Treatment Rate for the accounts a of the product type based on the class (c), state (s), and tier (t) characteristics of the balance type,

$IR(a)$  = the Interest Revenue of the account a,

$COF(a)$  = the Cost of Funds for the account a,

$IE(a)$  = the Interest Expense for the account a, and

$VOF(a)$  = the Value of Funds for the account a.

18. (ORIGINAL) The method of claim 17, wherein the balance type comprises a combined effect of the class, state, and tier characteristics.

19. (ORIGINAL) The method of claim 18, wherein the class characteristic is defined as either an asset or liability.

20. (ORIGINAL) The method of claim 18, wherein the state characteristic is defined as either cleared, ledger, or float.

21. (ORIGINAL) The method of claim 18, wherein the tier characteristic is defined as tiers used by the organization in supplying balances.

22. (ORIGINAL) The method of claim 17, wherein the step of calculating the Net Income Revenue in the Basic Tier generates one or more outputs selected from a group comprising the Interest Revenue, Interest Expense, Cost of Funds, Value of Funds, Lending Spread, and Deposit Spread.

23. (ORIGINAL) A system for financial processing, comprising:  
a computer;  
logic, performed by the computer, for:

(a) accessing account, event and organization attributes from a database accessible by the computer, wherein: (1) the account attributes comprise data about accounts being measured, (2) the event attributes comprise data about account-related transactions, and (3) the organization attributes comprise data about the organization's financial status;

(b) performing one or more profitability calculations in the computer using the

account, event and organization attributes accessed from the database, as well as one or more profit factors and one or more rules, wherein the profitability calculations include:

$$\begin{aligned}\text{Profit} &= \text{Net Interest Revenue (NIR)} \\ &+ \text{Other Revenue (OR)} \\ &- \text{Direct Expense (DE)} \\ &- \text{Indirect Expense (IE)} \\ &- \text{Risk Provision (RP)}\end{aligned}$$

(c) wherein the Net Interest Revenue (NIR) is calculated as:

$$\begin{aligned}\text{NIR} &= \text{Interest Revenue} \\ &- \text{Cost of Funds} \\ &+ \text{Value of Funds} \\ &- \text{Interest Expense.}\end{aligned}$$

24. (ORIGINAL) An article of manufacture embodying logic for performing financial processing in a computer, comprising:

(a) accessing account, event and organization attributes from a database accessible by the computer, wherein: (1) the account attributes comprise data about accounts being measured, (2) the event attributes comprise data about account-related transactions, and (3) the organization attributes comprise data about the organization's financial status;

(b) performing one or more profitability calculations in the computer using the account, event and organization attributes accessed from the database, as well as one or more profit factors and one or more rules, wherein the profitability calculations include:

$$\begin{aligned}\text{Profit} &= \text{Net Interest Revenue (NIR)} \\ &+ \text{Other Revenue (OR)} \\ &- \text{Direct Expense (DE)} \\ &- \text{Indirect Expense (IE)} \\ &- \text{Risk Provision (RP)}\end{aligned}$$

(c) wherein the Net Interest Revenue (NIR) is calculated as:

$$\begin{aligned}\text{NIR} &= \text{Interest Revenue} \\ &- \text{Cost of Funds} \\ &+ \text{Value of Funds} \\ &- \text{Interest Expense.}\end{aligned}$$

25. (PREVIOUSLY PRESENTED) The system of claim 23, wherein the Net Interest Revenue is calculated for every account.

26. (PREVIOUSLY PRESENTED) The system of claim 23, wherein the Net Interest Revenue represents a total interest generated from all deposit and lending activities.

27. (PREVIOUSLY PRESENTED) The system of claim 23, wherein the Net Interest Revenue is calculated from a Deposit Spread, a Lending Spread, and an Asset/Liability Management (ALM) Spread.

28. (PREVIOUSLY PRESENTED) The system of claim 27, wherein the Deposit Spread comprises a difference between the Interest Expense and the Value of Funds.

29. (PREVIOUSLY PRESENTED) The system of claim 28, wherein the Interest Expense comprises a cost of borrowing funds.

30. (PREVIOUSLY PRESENTED) The system of claim 28, wherein the Value of Funds represents a rate at which borrowed funds could be invested.

31. (PREVIOUSLY PRESENTED) The system of claim 27, wherein the Lending Spread comprises a difference between the Cost of Funds and the Interest Revenue.

32. (PREVIOUSLY PRESENTED) The system of claim 31, wherein the Interest Revenue comprises a return generated by lending funds.

33. (PREVIOUSLY PRESENTED) The system of claim 31, wherein the Costs of Funds represents an expense generated by lending funds.

34. (PREVIOUSLY PRESENTED) The system of claim 27, wherein the Asset/Liability Management Spread comprises a difference between maturity characteristics of funds lent.

35. (PREVIOUSLY PRESENTED) The system of claim 23, wherein the Net Interest Revenue also includes earnings on allocated equity.

36. (PREVIOUSLY PRESENTED) The system of claim 35, wherein the earnings on allocated equity comprise earnings generated by lending funds from equity sources.

37. (PREVIOUSLY PRESENTED) The system of claim 23, further comprising logic for calculating the Net Income Revenue in a Basic Tier according to:

$$IR(a) = AAB(a) * \text{eff rate}_{\text{asset}}(a),$$

$$COF(a) = AAB(a) * TR_p,$$

$$IE(a) = ALB(a) * \text{eff rate}_{\text{liability}}(a), \text{ and}$$

$$VOF(a) = ALB(a) * TR_p$$

wherein:

AAB(a) = Average Asset Balance of an account a,

ALB(a) = Average Liability Balance of the account a,

eff rate<sub>asset</sub>(a) = Effective interest rate for the account a as an asset balance,

eff rate<sub>liability</sub>(a) = Effective interest rate for the account a as a liability balance,

TR<sub>p</sub> = Treatment Rate for a product type p,

IR(a) = the Interest Revenue of the account a,

COF(a) = the Cost of Funds for the account a,

IE(a) = the Interest Expense for the account a, and

VOF(a) = the Value of Funds for the account a.

38. (PREVIOUSLY PRESENTED) The system of claim 37, wherein there is a single Treatment Rate for each product type.

39. (PREVIOUSLY PRESENTED) The system of claim 37, wherein the logic for calculating the Net Income Revenue in the Basic Tier generates one or more outputs selected from a group comprising the Interest Revenue, Interest Expense, Cost of Funds, Value of Funds, Lending Spread, and Deposit Spread.

40. (PREVIOUSLY PRESENTED) The system of claim 23, further comprising logic for calculating the Net Income Revenue in an Intermediate Tier according to:

$$IR(a) = \sum AB(c=asset, s, t)(a) * eff\ rate(c=asset, s, t)(a),$$

$$COF(a) = \sum AB(c=asset, s, t)(a) * TR(c=asset, s, t)(pt(a)),$$

$$IE(a) = \sum AB(c=liability, s, t)(a) * eff\ rate(c=liability, s, t)(a), \text{ and}$$

$$VOF(a) = \sum AB(c=liability, s, t)(a) * TR(c=liability, s, t)(pt(a)),$$

wherein:

$AB(c, s, t)(a)$  = Average Balances of an account a based on class (c), state (s), and tier (t) characteristics of a balance type,

$eff\ rate(c, s, t)(a)$  = Effective interest rate for the account a based on the class (c), state (s), and tier (t) characteristics of the balance type,

$pt(a)$  = Product type of an account a,

$TR(c, s, t)(pt(a))$  = Treatment Rate for the accounts a of the product type based on the class (c), state (s), and tier (t) characteristics of the balance type,

$IR(a)$  = the Interest Revenue of the account a,

$COF(a)$  = the Cost of Funds for the account a,

$IE(a)$  = the Interest Expense for the account a, and

$VOF(a)$  = the Value of Funds for the account a.

41. (PREVIOUSLY PRESENTED) The system of claim 40, wherein the balance type comprises a combined effect of the class, state, and tier characteristics.

42. (PREVIOUSLY PRESENTED) The system of claim 41, wherein the class characteristic is defined as either an asset or liability.

43. (PREVIOUSLY PRESENTED) The system of claim 41, wherein the state characteristic is defined as either cleared, ledger, or float.

44. (PREVIOUSLY PRESENTED) The system of claim 41, wherein the tier characteristic is defined as tiers used by the organization in supplying balances.



45. (PREVIOUSLY PRESENTED) The system of claim 40, wherein the step of logic for calculating the Net Income Revenue in the Basic Tier generates one or more outputs selected from a group comprising the Interest Revenue, Interest Expense, Cost of Funds, Value of Funds, Lending Spread, and Deposit Spread.

46. (PREVIOUSLY PRESENTED) The article of claim 24, wherein the Net Interest Revenue is calculated for every account.

47. (PREVIOUSLY PRESENTED) The article of claim 24, wherein the Net Interest Revenue represents a total interest generated from all deposit and lending activities.

48. (PREVIOUSLY PRESENTED) The article of claim 24, wherein the Net Interest Revenue is calculated from a Deposit Spread, a Lending Spread, and an Asset/Liability Management (ALM) Spread.

49. (PREVIOUSLY PRESENTED) The article of claim 48, wherein the Deposit Spread comprises a difference between the Interest Expense and the Value of Funds.

50. (PREVIOUSLY PRESENTED) The article of claim 49, wherein the Interest Expense comprises a cost of borrowing funds.

51. (PREVIOUSLY PRESENTED) The article of claim 49, wherein the Value of Funds represents a rate at which borrowed funds could be invested.

52. (PREVIOUSLY PRESENTED) The article of claim 48, wherein the Lending Spread comprises a difference between the Cost of Funds and the Interest Revenue.

53. (PREVIOUSLY PRESENTED) The article of claim 52, wherein the Interest Revenue comprises a return generated by lending funds.

54. (PREVIOUSLY PRESENTED) The article of claim 52, wherein the Costs of Funds represents an expense generated by lending funds.

55. (PREVIOUSLY PRESENTED) The article of claim 48, wherein the Asset/Liability Management Spread comprises a difference between maturity characteristics of funds lent.

56. (PREVIOUSLY PRESENTED) The article of claim 24, wherein the Net Interest Revenue also includes earnings on allocated equity.

57. (PREVIOUSLY PRESENTED) The article of claim 56, wherein the earnings on allocated equity comprise earnings generated by lending funds from equity sources.

58. (PREVIOUSLY PRESENTED) The article of claim 24, further comprising calculating the Net Income Revenue in a Basic Tier according to:

$$IR(a) = AAB(a) * \text{eff rate}_{\text{asset}}(a),$$

$$COF(a) = AAB(a) * TR_p,$$

$$IE(a) = ALB(a) * \text{eff rate}_{\text{liability}}(a), \text{ and}$$

$$VOF(a) = ALB(a) * TR_p,$$

wherein:

AAB(a) = Average Asset Balance of an account a,

ALB(a) = Average Liability Balance of the account a,

eff rate<sub>asset</sub>(a) = Effective interest rate for the account a as an asset balance,

eff rate<sub>liability</sub>(a) = Effective interest rate for the account a as a liability balance,

TR<sub>p</sub> = Treatment Rate for a product type p,

IR(a) = the Interest Revenue of the account a,

COF(a) = the Cost of Funds for the account a,

IE(a) = the Interest Expense for the account a, and

VOF(a) = the Value of Funds for the account a.

59. (PREVIOUSLY PRESENTED) The article of claim 58, wherein there is a single Treatment Rate for each product type.

60. (PREVIOUSLY PRESENTED) The article of claim 58, wherein the step of calculating the Net Income Revenue in the Basic Tier generates one or more outputs selected from a group

comprising the Interest Revenue, Interest Expense, Cost of Funds, Value of Funds, Lending Spread, and Deposit Spread.

61. (PREVIOUSLY PRESENTED) The article of claim 24, further comprising calculating the Net Income Revenue in an Intermediate Tier according to:

$$IR(a) = \sum AB(c=asset, s, t)(a) * eff\ rate(c=asset, s, t)(a),$$

$$COF(a) = \sum AB(c=asset, s, t)(a) * TR(c=asset, s, t)(pt(a)),$$

$$IE(a) = \sum AB(c=liability, s, t)(a) * eff\ rate(c=liability, s, t)(a), \text{ and}$$

$$VOF(a) = \sum AB(c=liability, s, t)(a) * TR(c=liability, s, t)(pt(a)),$$

wherein:

$AB(c, s, t)(a)$  = Average Balances of an account a based on class (c), state (s), and tier (t) characteristics of a balance type,

$eff\ rate(c, s, t)(a)$  = Effective interest rate for the account a based on the class (c), state (s), and tier (t) characteristics of the balance type,

$pt(a)$  = Product type of an account a,

$TR(c, s, t)(pt(a))$  = Treatment Rate for the accounts a of the product type based on the class (c), state (s), and tier (t) characteristics of the balance type,

$IR(a)$  = the Interest Revenue of the account a,

$COF(a)$  = the Cost of Funds for the account a,

$IE(a)$  = the Interest Expense for the account a, and

$VOF(a)$  = the Value of Funds for the account a.

62. (PREVIOUSLY PRESENTED) The article of claim 61, wherein the balance type comprises a combined effect of the class, state, and tier characteristics.

63. (PREVIOUSLY PRESENTED) The article of claim 62, wherein the class characteristic is defined as either an asset or liability.

64. (PREVIOUSLY PRESENTED) The article of claim 62, wherein the state characteristic is defined as either cleared, ledger, or float.

65. (PREVIOUSLY PRESENTED) The article of claim 62, wherein the tier characteristic is defined as tiers used by the organization in supplying balances.

66. (PREVIOUSLY PRESENTED) The article of claim 61, wherein the step of calculating the Net Income Revenue in the Basic Tier generates one or more outputs selected from a group comprising the Interest Revenue, Interest Expense, Cost of Funds, Value of Funds, Lending Spread, and Deposit Spread.